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Friday, March 25, 2005

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BlueGene/L sets new record

WASHINGTON, D.C. — National Nuclear Security Administration (NNSA) Administrator Linton F. Brooks announced Wednesday that the BlueGene/L supercomputer developed through the Advanced Simulation and Computing program for NNSA's Stockpile Stewardship efforts has performed 135.3 trillion floating point operations per second (teraflops/s) on the industry standard LINPACK benchmark, making it the fastest supercomputer in the world. By performing computations at these rates, BlueGene/L (BGL) helps maintain the U.S. nuclear weapons stockpile without nuclear testing.

This performance was achieved in the Laboratory's new Terascale Simulation Facility (TSF) at only the half-system point of the IBM BlueGene/L installation. Last November, just one-quarter of BGL topped the TOP500 List of



Pam Hamilton of Computation and Mark Campana of IBM examine the first racks of BlueGene/L installed in the TSF.

the world's top supercomputers.

"Blue Gene/ L will address vital challenges critical to ensuring the safety and reliability of the nation's aging nuclear weapon stockpile," said Administrator Brooks. "This supercomputer pro-

See BLUE/GENE, page 7

Comp AD Dona Crawford selected for induction into county hall of fame

By Lynda Seaver

NEWSLINE STAFF WRITER

Computation Associate Director Dona Crawford has been named to the Alameda County Women's Hall of Fame as Outstanding Woman of the Year. Crawford will receive her award along with eight other winners this Saturday, March 26, during a special ceremony at the Oakland City Center.

Crawford, who is receiving her award in the Science category, will be honored for her work and her leadership in establishing the world's fastest supercomputer, called Blue Gene/L, at Lawrence Livermore.

"I am honored to accept this award on behalf of the large



Dona Crawford

See CRAWFORD, page 7

UC and University of New Mexico forge Los Alamos agreement

The University of California (UC) and a consortium of New Mexico higher education institutions, led by the University of New Mexico, announced Thursday their intent to form an Institute for Advanced Studies affiliated with Los Alamos National Laboratory (LANL).

This institute would be established contin-

gent on the University of California Board of Regents deciding to compete, and the university winning the contract, for continued management of the national laboratory.

This agreement solidifies the role of New Mexico universities as part of the teaming arrangement for a bid to compete for the Los Alamos National Laboratory contract, should

the UC Board of Regents authorize such a bid.

Three New Mexico higher education research institutions have come together to form the New Mexico Consortium (NMC) including the University of New Mexico, New Mexico State University and New Mexico Institute for

See UC, page 3

Director taps Preston Carter to head Lab DoD Programs

Director Michael Anastasio and Larry Ferderber, director of the Lab's National Security Office, announced earlier this week the selection of Preston H. Carter, II, as the director of DOD Programs in the National Security Office. The appointment was effective immediately.

Anastasio said in an administrative memo announcing the appointment: As the Director of DOD Programs, "Preston will bring vision and leadership to the Laboratory's support of the DOD mission. His background in industry,

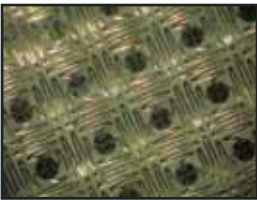
See CARTER, page 7



Another blooming success

Crystal Foster and Joanne Strickland gather bunches of fresh daffodils that were delivered to the Lab on Tuesday for the American Cancer Society's "Daffodil Days." The Cancer Society has named the Lab the number one contributor in Northern California, raising more than \$30,606.

JACQUELINE MCBRIDE/NEWSLINE



Sensors workshop coming to Lab

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Student scientists showcase savvy

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Management series restructuring

— Page 3



LAB COMMUNITY NEWS

Weekly Calendar

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Monday
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The Laboratory is closed today for “Spring Holiday.”

Thursday
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An in-depth workshop on the submission of proposals for the **Laboratory Research and Development (LDRD)** FY06 Laboratory-Wide Competition will be held today from 3-4:30 p.m., in Bldg. 123, conference room A, which is a Common Use Facility (CUF). In this workshop, participants will be given a brief history of the program and all the details on how to submit a well-written proposal. The workshop will be led by Simon Labov and Karl van Bibber and is recommended for those interested in submitting a new proposal or a proposal for continuance. This is the second of two workshops; no further workshops will be held. The deadline for online proposal submission is Monday, April 11.

A foreign national may access Bldg. 123, conference room A provided that his or her badge is marked with the letters “CUF” or temporary building access procedures are followed. For further information, contact Jim de Yoreo, 3-4240, or Brenda Foster, 2-5214.

...

The Lab is starting a **National Research Council (NRC)** postdoc program. Contact Harry Radousky, 2-4478, or Bev Williams, 2-5020, by today to discuss program costs and obligations if you are interested in hosting an NRC postdoc fellow.

Up
&
Coming

There will be a **blood drive** at the Lab April 4-7 in Trailer 4675 (the old central cafeteria).

Donors are encouraged to schedule an appointment in advance at <http://www.beadonor.com/> and click on the word registration. The drive sponsor code is: LLNL. Individuals without Internet access can schedule an appointment by calling the LLESA Office, 2-9402. The goal of the Red Cross staff is to complete the donation process for pre-scheduled appointments in 60 minutes or less. If your schedule does not allow you to make an appointment, the staff will work you into the schedule, as time permits, after the first hour of each drive day. Donor eligibility questions should be directed to the American Red Cross at 510-594-5143.

...

The **Valley Humane Society** is urgently seeking foster homes for orphaned and abandoned companion animals and off-site adoption counselors to help find the right match. For further information, call Wendy McNeeley, Operations Director, Valley Humane Society, at 925-426-8656.

Send calendar items to Linda Lucchetti, Lucchetti1@llnl.gov

New center offers noontime swimming

The Robert Livermore Community Center will hold its grand opening this Saturday, March 26, from 1:30-3:30 p.m. The facility includes a 25-yard-by-33-meter pool for lap and recreational swimming. The new facility is located at 4444 East Ave.

Lap swimming cost is \$3 for adults and \$2.50 for youth for a single admission. Fifteen-admission punch cards are available for \$36 for adults and \$30 for youth. Swimmers should use the Loyola Way parking lot for direct access to pools.

The lap swim schedule is as follows: Monday through Friday, 6-7:30 a.m., 9:30-11 a.m., 11:30 a.m.-1:30 p.m. and 5:30-7 p.m. Lap swimming also is available from 7:30-10 a.m. on Saturdays.

Lanes may be assigned and lane sharing is required. Lap lanes also will be available during recreational swim hours. More details are available at the LAPRD Website at <http://www.larpd.dst.ca.us/>. Click on the “Winter/Spring 2005 Brochure” to get all the details.

IN MEMORIAM

Clifford Laurant Coon

Clifford Laurant Coon died in Fremont on March 16. He was 70.

Born in San Francisco on July 28, 1934, Coon was a research chemist at SRI and the Laboratory. A grower of more than 400 varieties of ivy, he was a longtime member of the Centerville Presbyterian Church, where he taught adult Sunday school. He also loved music and played the guitar.

He is survived by his wife, Eleanor Lucille Coon; his daughters, Catharine Coon of

Kampala, Uganda and Patricia Coon of Fremont; his sons, Steven Coon of Falls Church, Va., David Coon of Manteca, Timothy Coon of St. Helena, Wash., and Christopher Coon of Fremont; his sister, Jean Bryon of Fair Oaks; and 12 grandchildren.

Services were held. Donations may be made to the Centerville Presbyterian Church Memorial Fund, 4360 Center Ave., Fremont, or the American Cancer Society.

W. James Johnston

W. James Johnston, a longtime resident of Lafayette has died. He was 94.

Johnston was a builder of fine homes, an engineer and land developer of Happy Valley Glen in Lafayette.

During World War II he worked on the Manhattan project. He was head of engineering and construction at the Laboratory for eight years until his retirement.

Private services were held.

Fred Kissell


Fred Kissell, a retired security officer at the Laboratory, died in Tracy on March 18. He was 91.

Kissell was born Feb. 2, 1914, in Canyon City, Colo. He lived in Tracy for 55 years.

He was a member of the Church of the Nazarene and loved playing the piano at the convalescent hospital for Sunday services. He also was a crossing guard for 20 years.

Kissell is survived by his son, Larry Kissell and his wife, Carolyn, of Tracy; grandchildren, Lee Kissell of Stockton, Kellyann Reis of Manteca and Kimberly Robles of Livermore; and eight great-grandchildren.

He was preceded in death by his wife, Del Kissell, and four brothers. Private services were held.



Anticipate potential problems and hazards when working with electricity.

Plan and analyze for safety for each step of any electrical work.

Inspect electrical equipment to make certain it is in good condition, and remove damaged equipment from service immediately.

For more tips on staying safe, review Electrical Safety (Document 16.1) in the ES&H Manual.

Newsline

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AROUND THE LAB



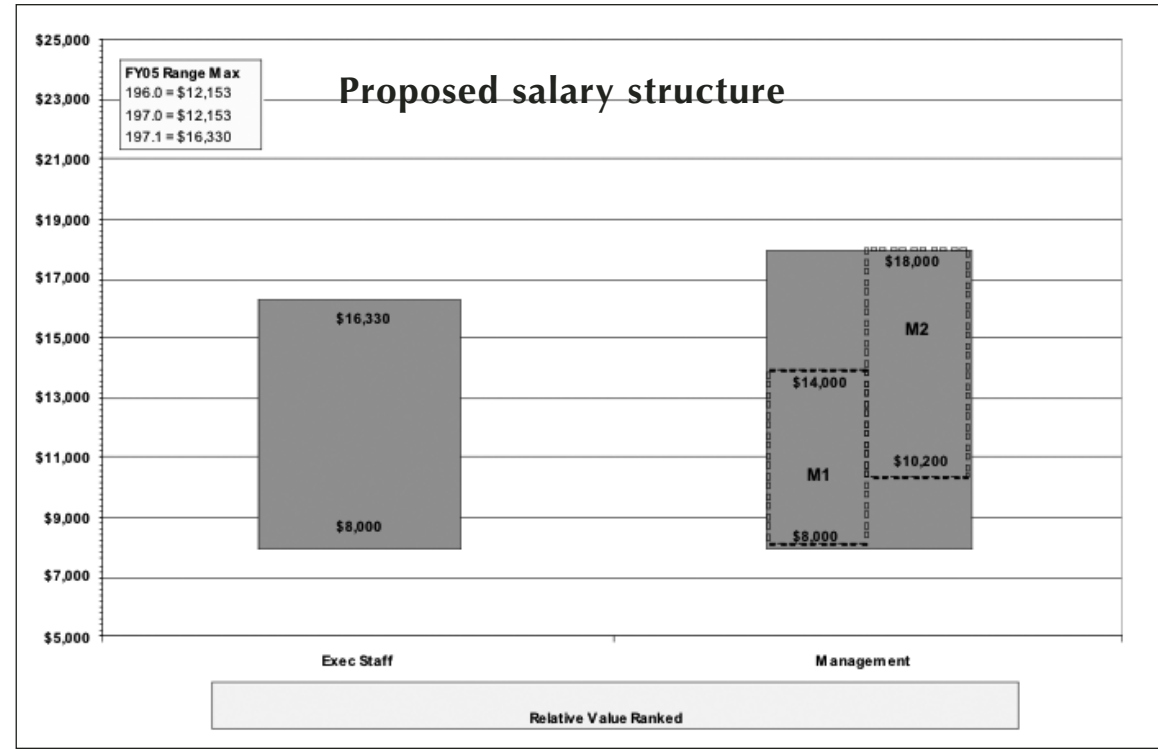
Management positions review nears completion

A review of Administrative Management positions (existing 196.0, 197.0 and 197.1 job classifications) is nearing completion.

The management study is part of the Integrated Performance and Pay Program (IPPP), which includes an assessment of all Laboratory job classifications and pay structures to ensure they are competitive with the market, reflect best practices and allow consistency of classification and pay practices across directorates.

An associate director subcommittee was appointed by Laboratory Director Michael Anastasio to develop management leveling criteria and a new pay structure. Members of the committee are Jan Tulk (chair), Dona Crawford, Bill Goldstein, Bruce Goodwin, Dave Leary, and Steve Patterson. The committee is assisted by Kathleen Hardcastle and John Davis, an external management consultant.

The results of the committee's efforts have yielded draft management criteria and a proposed pay structure for three levels of management: Executive Staff (ES), Management 1 (M1) and Management 2 (M2). Placement of a position into management will be based on three factors: scope of authority and responsibility; management accountability and functional complexity; and the degree of professional knowledge and experience



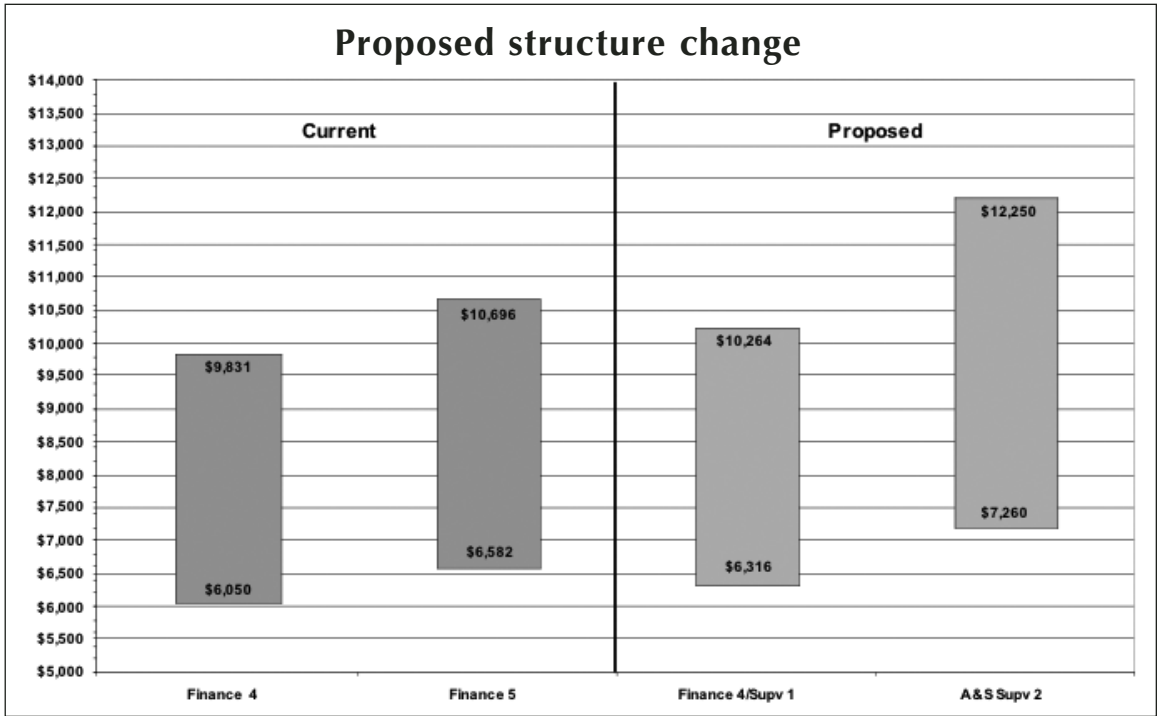
structure. The proposed salary structure is shown in the chart top left. The new management criteria are available on the Management Study website at http://www-r.llnl.gov/mgmt_study/.

In addition to the proposed management criteria and pay structure, the committee defined two levels of supervision that will be part of the administration and specialist pay structure: Supervision 1 (S1) and Supervision 2 (S2). A new pay range has been developed for the S2 level and will be available for all A&S job families.

To accommodate this change, the existing Level 5 of the Financial Services pay structure is being eliminated, and a revised Level 4 has been developed based on market data. Financial positions currently in Level 5 will be re-slotted into the appropriate structure. A chart depicting this change is shown bottom left.

Job slotting will be completed by the associate directors in April. It is anticipated that affected employees will be notified of their job placement by mid-May.

The employee notice period will begin March 21. To be considered, employee comments must be received no later than April 4. Comments may be submitted anonymously through the Management Study website at http://www-r.llnl.gov/mgmt_study/. The new management program is scheduled to be implemented in late May.



UC
Continued from page 1

Mining and Technology. Under this agreement, the consortium will contract with UC to form the Institute for Advanced Studies. The institute will provide the basis for cooperative scientific research between consortium members and LANL on a wide range of research topics.

"This is an excellent opportunity for the University of California, Los Alamos National Laboratory and these New Mexico institutions to partner to further the scientific and technological work being done in New Mexico and at this lab," said University of California President Robert C. Dynes.

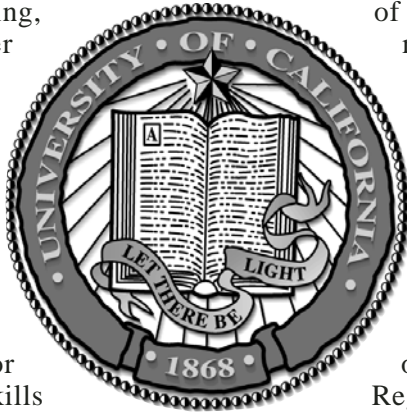
The Institute for Advanced Studies will be a research and education center providing opportunities for consortium members to provide input to LANL about the scope and content of fundamental and applied research. Research at the institute may include such areas as astronomy, biology, computational science, environmental science, energetic materials, materials

science, optics, quantum computing, water and radioisotopes. Other appropriate fields also will be considered.

Students, faculty and staff members comprising the institute will be actively involved in the support of LANL's scientific programs by integrating them into ongoing efforts at LANL and the consortium institutions through several avenues for appointing and deploying their skills as students, post-doctoral participants, joint appointments and adjunct faculty members.

The agreement provides qualified students, faculty and staff the opportunity to participate in and contribute to important educational and scientific research opportunities and for LANL staff to participate in educational activities provided by the NMC universities leading to the overall enhancement of the quality and character of research performed at LANL and NMC institutions.

The University of New Mexico is also one



of the national university collaborators in the Battelle Energy Alliance that manages the Idaho National Laboratory.

Under UC Board of Regents guidance established in January 2004, the UC president has the authority to enter into such teaming agreements with the concurrence of the chair of the Board of Regents and the chair of the Regents' Committee on Oversight of the Department of Energy National Laboratories.

A decision on UC's participation in the competition to manage Los Alamos National Laboratory is expected after the Department of Energy releases its final request for proposals, which is expected this spring.

The agreement between UC and the New Mexico Consortium will be made available to interested parties following a final decision by the Department of Energy regarding the future management of Los Alamos National Laboratory.



NEWS YOU CAN USE

Lab hosts 3rd annual sensors workshop

Engineers and scientists from four research facilities will gather in early April at the Laboratory for the third annual Sensors Workshop designed to support the weapons program.

The two-day classified workshop, set for April 5 and 6, will attract engineers from Los Alamos and Sandia national laboratories, Kansas City Plant (formerly Allied Signal) and LLNL. It will be held in Bldg. 111's Poseidon room.

"The purpose of the workshop is to foster collaboration and cooperative development of new diagnostic technologies to support the Stockpile Stewardship Program," said Tony Laviestes, leader for the Lab's Microsensors Program.

"We want to develop these technologies to enhance the reliability and performance assessment of new and existing weapons systems," Laviestes added.

Since the start of the nuclear testing moratorium, efforts are made to periodically evaluate the current weapons in the stockpile without underground nuclear testing. When needed, action is taken to maintain high reliability, as well as to facilitate extended weapon system lifetimes.

Part of the effort involves a flight test program that evaluates weapon systems in an actual delivery environment, such as periodic ICBM tests launched from Vandenberg AFB that aim for the Kwajalein Atoll. The

precision assemblies utilized in these test efforts require unobtrusive sensors and diagnostic systems for accurate performance assessment.

The Laboratory's Microsensors Program was established to address these issues and to develop new sensor system technologies and capabilities.

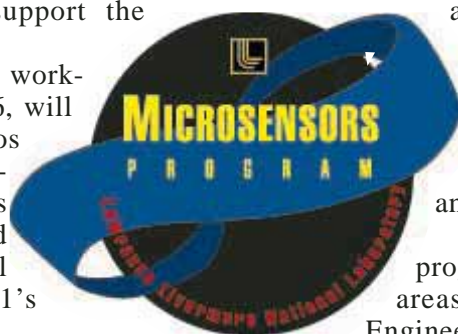
Engineers comprising the program come mainly from two areas — the Defense Sciences Engineering Division and the Center for Microtechnology.

While the Microsensors Program is initially focused on supporting the Weapons Program, Laviestes indicated that these technologies have applications throughout the Laboratory. Those areas include the National Ignition Facility, biological research, counter-terrorism and nuclear chemistry.

The goal of the program will be to develop sensors that are extremely small, very low power, unobtrusive and environmentally benign, Laviestes said.

The April 5-6 workshop is only open to attendees who hold Q-clearances with Sigmas 1-3. More information is available on the Web at www-eng.llnl.gov/sensorsworkshop or by calling Laviestes at 3-6766.

Even though the deadline for submitted abstracts is today (March 25), people still interested in presenting abstracts should call Laviestes.



NNSA Deputy Administrator for Defense Programs Everet Beckner resigns

National Nuclear Security Administration Administrator Linton F. Brooks today announced that Dr. Everett Beckner, deputy administrator for defense programs, will resign from his position effective April 30.

Beckner was nominated by President Bush on September 25, 2001 and confirmed by the Senate on January 25, 2002. His principle responsibility has been to manage the \$6.5 billion program that maintains the stockpile and ensures that the nation's nuclear weapons remain safe, secure and reliable.

"Ev has played a key role in the leadership of NNSA and has served this agency well. He is one of the most dedicated public servants I know," Brooks said. "He has been a superb custodian of the nation's nuclear weapons stockpile. Ev's departure is a serious loss to NNSA, the Department of Energy and the country."

Before becoming NNSA's deputy administrator for defense programs, Beckner served as the deputy chief executive at Atomic Weapons Establishment (AWE) at Aldermaston, United Kingdom. Before that position, he was the vice president of technical operations and environment, safety and health for Lockheed Martin's Energy and Environment Sector in Bethesda, Md.

Technical Meeting Calendar

Wednesday
30

CHEMISTRY & MATERIALS SCIENCE DIRECTORATE FRONTIERS IN CHEMISTRY & MATERIALS SCIENCE SYMPOSIUM

"Searching for Life in Extreme Environments: the Geobiological Approach," by Kenneth H. Nealson, University of Southern California. 10 a.m., Bldg. 155, auditorium. Coffee and cookies will be served at 9:45 a.m. Contact: Michael Fluss, 3-6665.

Friday
1

ELECTRONICS ENGINEERING TECHNOLOGIES

"Design, Fabrication, and Integration of a Hybrid Micro Power System that includes a Micro Fuel Cell," by André D. Taylor. 10 a.m. Bldg. 153, room 2010. Classification of location: P. Contact: Becka Gordon, 2-2199.

INSTITUTE FOR GEOPHYSICS & PLANETARY PHYSICS

"Infrared Dark Clouds: The Earliest Stage of Massive Star Formation," by Jim Jackson, Boston University. Noon, Bldg. 319, room 205.

Property protection area. Foreign national temporary building access procedures apply. Contact: Wil van Breugel, 2-7195 or Lisa Lopez, 3-0250.

Friday
5

HAZARDS CONTROL DEPARTMENT

"Aerosol Working Group Meeting," by Werner Bergman, Hazards Control Department. 10 a.m., Bldg. 123, conference room A. Anyone interested in networking with researchers working on aerosols is invited to attend. Property protection area. Foreign national temporary building access procedures apply. Contact: Werner Bergman, 2-5227.

PHYSICS & ADVANCED TECHNOLOGIES DIRECTORATE

"The Physics of Fusion Energy: Why We (Probably) Can't Build a Reactor on the Head of a Pin," by L. John Perkins, Fusion Energy Program, 2 p.m., Bldg. 123, auditorium. Common Use Facility. Foreign nationals may attend. Contact: Alan J. Wootton, 2-6533.

Friday
8

INSTITUTE FOR GEOPHYSICS & PLANETARY PHYSICS

"First Scattered Light Images of Nearby Debris Disks," by Paul Kalas, U.C. Berkeley. Noon, Bldg. 319, room 205. Property protection area. Foreign national temporary building access procedures apply. Contact: Wil van Breugel, 2-7195 or Lisa Lopez, 3-0250.

Friday
15

INSTITUTE FOR GEOPHYSICS & PLANETARY PHYSICS

"Formation and Evolution of Massive Galaxies," by Patrick McCarthy, Carnegie Observatories. Noon. Bldg. 319, room 205. Property protection area. Foreign national temporary building access procedures apply. Contact: Wil van Breugel, 2-7195, or Lisa Lopez, 3-0250.

Friday
22

INSTITUTE FOR GEOPHYSICS & PLANETARY PHYSICS

"Polarimetry, Circumstellar Disks, and Clusters in the Magellanic Clouds," by Karen Bjorkman, University of Toledo. Noon, Bldg. 319, room 205. Property Protection Area. Foreign national temporary building access procedures apply. Contact: Wil van Breugel, 2-7195 or Lisa Lopez, 3-0250.

The deadline for the next Technical Meeting Calendar is noon, Wednesday.

Please submit your meetings via the new Technical Meeting Calendar form on the Web, located at <http://www-r.llnl.gov/tmc/index.html>. For information on electronic mail or the newsgroup llnl.meeting, contact the registrar at registrar@llnl.gov.

NOTABLE ACHIEVEMENTS



Tri-Valley fair showcases students' science savvy

By Linda Lucchetti

NEWSLINE STAFF WRITER

On March 17, it wasn't the luck of the Irish, but rather the love of science that boosted science-savvy students to top honors at the 9th annual Tri-Valley Science and Engineering Fair (TVSEF) held at the San Ramon Valley Conference Center in San Ramon.

About 260 students in grades 7 through 12 from public, private and parochial schools in Danville, Dublin, Livermore, Pleasanton, and San Ramon competed for cash and other prizes with awards being distributed during a ceremony that evening.

This year's Senior Division Sweepstakes winners were Mina Bionta, an eleventh grade student from Livermore High School whose project was "The Sun's Big Bang in January 2005," and Wesley Hong, a tenth grade student from Foothill High School in Pleasanton with his project, "Cyclodextrin-Based Nanoporous Polymers: A Filtration Agent for Organic Contaminants-Year 2."

The Senior Division Sweepstakes winners of the fair will go on to participate in the Intel International Science and Engineering Fair in Phoenix, Ariz., in May. In addition, the senior sweepstake winners each receive \$350 gift certificates to Fry's Electronics.

Sweepstakes winners in the Junior Division team category were Max Simmons and Brisk Kannel, eighth grade students from Livermore's Our Savior Lutheran School. Their winning project was titled, "Dog-e-Diner."

The team winners each receive a \$250 gift certificate to Fry's Electronics.

Also, winning in the Junior Division category were Justin Riordan, eighth grade student from Iron Horse School in San Ramon, with the entry, "The Shape of a Glider: How Far it Flies"; and Vicki Hsieh, eighth grade student from Pine Valley Middle School in San Ramon with the project, "More Rotors, More Motors, More Power?" The Junior Division winners each receive a \$350 gift certificate to Fry's Electronics.

Junior Division winner Vicki Hsieh said she got the idea for her project about wind power from watching the windmills atop the Altamont Pass: "I was looking for a topic for the science fair and I thought about inventing a windmill that could generate more electricity." She began her work about six months ago. Hsieh said she was very excited to win and wants to return to the fair with another project next year.

Science projects were judged on a wide range of criteria that represent standards of research held by the scientific community. Some 170 local scientists, engineers and science teachers, served as fair judges, sometime deliberating for hours over project entries. A number of judges represented the Laboratory.

For Lily Sanchez, an environmental analyst in the Lab's Operations and Regulatory Affairs Division of the Environmental Protection Department (EPD), it was her second year serving



Brisk Kannel (left) and Max Simmons (right), eighth grade students from Livermore's Our Savior Lutheran School, discuss their project "Dog-e-Diner," a proximity activated dog feeder, with science fair judge Paul Jamieson (center) from ChevronTexaco. The project won in the junior division team sweepstakes category.

Photos by
Jacqueline McBride/Newsline



Wesley Hong of Pleasanton's Foothill High School is interviewed by science fair judge Dorota Sawicka of the Lab. Hong won the Senior Division Sweepstakes for his project "Cyclodextrin-Based Nanoporous Polymers: A Filtration Agent for Organic Contaminants-Year 2."

as a science fair judge.

"I came back because it was such a fulfilling experience for me last year. Now, I am hooked," she said. "I feel that it is my responsibility to encourage these young students to pursue science careers."

Krista Heaton is a first-time judge and a previous competitor as well. Heaton graduated from Brigham Young University in January, majoring in neuroscience. In 1999, while a senior at Pleasanton's Amador High School, she competed in the TVSEF.

Heaton's project about agricultural runoff and its effects on an ecosystem won her top sweepstakes honors back then, and a chance to advance to the international fair.

"It was amazing," she said, explaining how she felt after winning.

"I was very proud. It was well worth the hard work."

When asked why she was judging at the fair this year, Heaton replied, "Because I would feel ungrateful if I didn't come here. Students crave a mentor who can give positive reinforcement — someone who likes their project and will tell them they are smart," Heaton said.

Heaton understands how important the role of a mentor is. She attributes her own interest in science to her high school science teacher, Mr. Till: "He was an advocate of the science fair. Being in his class in senior year made me

realize how much I enjoyed science."

And being a student participant of the fair helped Heaton meet others who were just as passionate. "I tell students that no matter what subject they are interested in, to get involved. They should go where there are others who share their passion — whether it is science, writing, or other subjects."

The goals of the annual fair are to motivate students to apply creativity and critical thought to the solution of science, engineering and math problems; to encourage the exchange of knowledge and ideas; and to recognize student achievement.

Research categories for fair projects covered a wide spectrum of science such as behavioral and bioscience, biochemistry, botany, chemistry, computer science, earth and space science, engineering, environmental science, gerontology, mathematics, medicine and health, microbiology, physics, and zoology.

In addition to the Laboratory, this year's organizing sponsors were the Tri-Valley Business Council, Pacific Gas and Electric Company, The Valley Times, Tri-Valley Community Foundation, and ChevronTexaco. The TVSEF is affiliated with the Intel International Science and Engineering Fair, IISEF, which is administered by Science Service, Inc.



Vicki Hsieh, an eighth grade student from Pine Valley Middle School in San Ramon, discusses her project "More Rotors, More Motors, More Power?" with project judge Arden Dougan of the Lab. Hsieh's exhibit won her a spot in the junior sweepstakes category.



CLASSIFIED ADS

See complete classified ad listings at
<https://www-ais.llnl.gov/newsline/ads/>

AUTOMOBILES

2004 - Infiniti G35, pw/pd/ps/cc/ac/tw/moon roof/Bose sound system/6 CD changer/leather/nose mask/new tires/34K freeway miles.\$28,000. OBO 209-551-4309

1992 - Chevy Silverado Suburban 4wd. Good condition. Loaded. 10disc CD changer w/premium sound system. Tow package. \$6000 OBO 925-625-0534

1973 - VW Super Beetle Convertible. Runs great. New stereo & rag top. \$5,000, OBO. 925-550-5352

2000 - Mercedes-Benz C230 Kompressor. Fully Loaded, excellent condition. \$16,900, OBO. 925-550-5352

1987 - Nissan Sentra, sunroof, alloy wheels, A/C, runs good, clean, silver, 181k mi. on engine, 11k mi. on radiator and rebuilt A/T. \$1,395 o.b.o. 209-823-4795

1990 - Subaru Legacy Wagon, 245k miles, 5 speed, air. Interior and exterior good. Runs like a car with 245k miles. \$850. 925-455-5816

1983 - High Sierra Blazer. Straight body - needs paint. Some new chrome w/6 in. lift, Rancho shocks, 35 in. tires. Will not smog - AS IS \$2,000 OBO. 209-483-2293

1997 - ATTENTION T-BIRD lovers. Thunderbird LX excellent condition, 27k mi. quality sound, cassette. Drives like a dream. 5,998.00 510-582-2938

1998 - Nissan Pathfinder XE 4x4 5 speed new clutch & timing belt 120k miles AC towing hitch silver w/ gray cloth manual locks & windows. \$5800obo 408-712-1730

2001 - Chev. Impala LS, Lthr seats, spoiler, PW/PS/PL/AC/CD/TAPE/AM/FM. 55K miles. Excellent Condition! \$14,500/OBO. Call Paul. 209-239-5168

2001 - Honda Accord EX, 4-door, automatic, excellent condition, orig. owner, 56k miles, new tires, moon roof, 6 disc CD, power locks, \$14,850. 925-373-6870

1962 - Ford Falcon Ranchero-289, gear drive, 5-speed, new interior extremely straight. illness forces sale. Classic car value \$12K to 17K \$7,000 OBO 209-838-0304

1999 - Chevy Tahoe, 2 door, dark blue, 4X4, exc. condition, \$8,750.00 OBO. MUST SELL. 209-603-9295

1991 - TOYOTA CAMRY - RARE 5-Speed w/V6 - A Real Sleeper! AC, Cruise, Moon Roof, New Michelins & Brakes, Good Condition \$3500 O.B.O. 925-443-6014

1995 - Ford Taurus wagon w/third seat. Good condition. Approx. 160,000 miles. One owner. \$1,000.00 OBO. 209-823-8089

2000 - Camero Z28 SS SLP, Loaded, Auto, Black exterior, Black Leather, Air, T-Tops, Premium Wheels, V8 5.7 Liter, Great Condition. \$13,500/OBO. 925-443-4000

1993 - Pontiac Grand Prix, excellent condition, power windows, locks, steering, AM/FM stereo cassette, AC, ceramic brakes, 143K miles. \$1,300 415-806-7253

AUTOMOBILE ACCESSORIES

1990 - 700R4 Automatic Transmission w/overdrive for sale. From 1990 Suburban. Works great. 510-506-1728

Pick-up bed cover, A.R.E. brand, fits 94-2002 Dodge 8 foot bed. Color-Red. \$400.00 OBO. 925-961-1658

Limited edition 1/24 scale die cast stock car, Elliott Sadler #38, M&Ms. Retail \$75. Brand new in unopened box \$30. 925-648-0671

PICKUP PARTS - Chrome step bars, Dodge Ram, \$150/offer. Stock tires/alloys, 6-lug Chevy \$250/offer.

Euro taillights, \$40. 925-443-2173

New Chevy Tonneau cover, black, fits 1999-2002 shortbed, \$500/offer. New bedliners, under rail, can get any make/model, \$100 each 925-443-2173

Pro-Tech tool box, cross bed, polished alum, deep w/ tray. Fits full size truck. Great shape \$150 209-815-0295 Leave message 209-815-0295

BICYCLES

Road Bike,Eddie Bower, 1 Yr old, Al frame, 27 speed, shock absorber, plus extras. \$150 or best offer. 925-935-5004

BOATS

1998 Mastercraft 205 Prostar Fuel Injection. Low hours. Excellent condition. Many extras. \$22,900, OBO. 925-550-5352

ALUMINUM BOAT 12 foot V hull sears game fisher, electric trolling motor, marine battery, charger, anchor, some accessories. \$450.00 after 3 p.m. 209-956-9015

ELECTRONIC EQUIPMENT

Web TV has extra wireless keyboard, good for person beginning to learn how to email and use the internet \$30.00 925-447-5459

VGA monitor. 17 in. flat CRT. Used for 2 weeks. \$90.00 925-833-2704

HP COLOR printer,like new, only used twice. 30.00 510-537-7222

Inkjet Color Printers - HP 600C \$30, Epson 60C \$30 Fax machine Brothers 160 thermal paper \$30. 415-519-6186

Pioneer CD changer, 6 disc, \$50. 925-443-2173

Toshiba 32 inch television, Excellent condition, \$300. 510-508-5812

GIVEAWAY

Mud flaps, Rock Solid, pair 2 ft. 10 in. wide by 13 in, FREE 925-447-4503

Off-white vinyl vertical blind for 70 in. wide by 58.5 in. tall window. One-way draw. Can be cut for smaller window. 925-243-1475

Snapper Self Propelled Lawnmower, 20 yrs old. Works, but needs TLC. Free to good home. 925-828-6737

HOUSEHOLD

Oak Bunk Beds. 4-drawers and storage area in base. Good condition. \$75.00 925-447-6410

Leather sofa and loveseat. Off-white, excellent condition, like new. Make reasonable offer. 925-606-0234

DVD/CD/VHS storage rack. Assembled but never used. Holds 756 CDs or 360 DVDs or 180 VHS. Shelves adjustable. Light oak finish. \$40.00 925-833-2704

Fluorescent ceiling light fixture w/2 13 watt lamps. Color-white. \$20.00 925-961-1658

25 cu. in. refrigerator looks good works good \$75.00 925-449-7068

Day bed frame with trundle bed. \$15 925-455-4559

Glass Table Top \$200 OBO - approx 36x84x1/2 bevelled edges. 925-449-4341

GE Refrigerator \$150. GE Spacesaver Washer/Dryer combo \$250. Both are fairly new and in great condition. Livermore 925-245-1861. 925-245-1861

Bissell vaccum, excellent working condition. Very powerful, like new. Attachments included. 40.00. Have too many. 510-537-7222

Maytag Duet electric dryer. 1-year old, excellent condition. Energy Star, front load, x-large capacity, stackable. New

\$900. Moving, sell \$500. 510-351-0969

twin captain style bed (white) w/storage/mattress. 6 shelves w/2 sliding doors. sits ~3 1/2 ft high...teenager out-grew. great condition! \$125 OBO 925-443-3451

Select Comfort Cal. king Ultra pillow top air mattress, very good condition, wireless remotes, with platform, \$250. 925-455-0335

Bedroom set. Boys Stanley. Light oak. Excellent condition. 2 dressers & 1 door unit with upper shelves, headboard, nightstand. \$1600. 925-462-2197

Whirlpool Clothes Dryer, Large Capacity, 7 yrs old, and Maytag Washer, 25 yrs old, \$150 OBO. 925-443-2044

Antique Yellow China cabinet-excellent condition \$75.00, Coffee Table & end Tables \$100.00 925-447-9355

100 ft. roll 4 inch drain pipe never used \$27.00 925-735-6002

White Maytag dishwasher, 6 months old - \$275.00 925-960-9281

glass top kitchen table and 4 matching black metal chairs \$75 offer 925-454-1969

LOST & FOUND

Lost, 3/10/05. Silver Horse pin. Gift with sentimental value. If found please call 2-3457 or 2-6300. 209-838-2808

MISCELLANEOUS

Too much stuff! Moving into smaller place. Furniture, new carpet(room size), sports gear, etc. You need it - I have it. Reasonable prices. 925-606-0234

Reciprocating saw, new, in box, 6-position variable speed, 2 new blades, extra replacement brushes, metal carrying case. \$40. 925-447-1009

Traeger Residential Pellet Grill, BBQ 070. Brand new, never used. \$699 value, asking \$400.00. 925-606-6338

Airline Vouchers (transferable) 2 Vouchers ATA Airline East Cost Destinations (New York, Boston, etc...) Use before 12/29/05 - \$250/each 925-294-8990

Garage door opener. 1/2 hp Chamberlain chain drive with two remotes. Works but goes only one direction. For parts or project. \$40 925-417-7593

MOTORCYCLES

2000 - suzuki rm-250 dirtbike, clean, some extras. 2,100.00 odo 209-605-2773

1996 - Honda CR250 New top end, Wiseco piston, 3-gallon Clarke tank, SAPro spark arrester, ProCircuit pipe, ProCircuit suspension, More, \$2,000 FIRM 209-833-3785

2002 - Harley, Fat Boy, Real Red/Diamond Ice, Chrome Swing Arm, Vance & Hinds Big Shot, Many Extras, low miles. \$18,500/obo 209-835-0108

1988 - Yamaha V-Max w/15K miles. Always garaged - very nice condition. Many xtras, stainless brake& clutch, spare shocks,new tires, etc.\$3,500 FIRM. 209-483-2293

MUSIC INSTRUMENTS

Trombone. Good condition. Great for young student. \$75.00 925-447-6410

PETS & SUPPLIES

8x8 dog cage kennel used once \$45.00 925-449-7068

2 Ponies to good home must go together 1 Mare 3yrs Green broke 1 Gelding 5yrs broke, call for more info after 6pm 209-834-8043

Consider saving lives by providing temporary foster care for homeless puppies and kittens. Please call if interested. Thank you 925-980-3035

RECREATION EQUIPMENT

Weight bag, 40 lbs. \$20.00 925-606-0234

1999 Fleetwood Jamboree 22ft class C motorhome, Ford V10, sleeps 6, awning, shower, bathroom, microwave, TV. very cleen, runs like new. \$27K/obo 209-892-5734

Backyard trampoline. Good condition. \$25 925-455-4559

Skis with bindings Elan 167cm, Fisher 157cm, \$30 each pair. 415-519-6186

1972 Jeep CJ-5 lifted, engine solid, smog-exempt, needs body work. \$1950/OBO. 209-456-6947

RIDESHARING

Express your commute, call 2-RIDE for more information or visit <http://www-r.llnl.gov/tsmp>.

Martinez/PH - Looking for a 4th member of carpool. Arrive 7:30 Leave 4:30. Meets in Mtz. Will consider PH pickup. Call Paul 925-228-3759, ext. 3-7857

Lafayette - LaMoRinda Vanpool (also WALNUT CREEK stop at Rudgear commuter lot): reclining seats, reading lights, 7:45-4:45, \$105/mo (pre-tax reduction available) 925-943-6701, ext. 2-3005

SERVICES

Photo and video services. B-day parties, Sporting events, etc. 510-506-1728

QUALITY PAINTING, take advantage of low season discounts. Excellent references, prep work and workmanship. 25 yrs exp. Call before it gets too hot 510-537-7222

Landscaping & Concrete services. Work in valley and bay area. Free estimates. Licensed and insured. 209-740-8109

SHARED HOUSING

Livermore - - Share 4 Bdrm/2Ba home with one other person on W. side of town. Kitchen/Laundry priv., no pets/smoking. \$550 month + 1/2 utilities & deposit. 925-294-8765

Livermore - Studio Cottage in Downtown Livermore w/ full bath & kitchenette. Professional no-smoking individual. No animals. \$750 which includes utilities. 925-784-9110

Livermore - Room to rent in a clean house for a female. Close to lab. No pets/no smoking. \$600/month including utility. Deposit. Available immediately. 925-606-5660

Pleasanton - \$700 a month room for rent, full private bath, walk in closet, luxury town home, no smokers 925-461-5045

Livermore - Clean room for rent. Female. 5 miles from Lab. No pets/no smoking. \$600.00/mo. Utilities included. Deposit. Available April 01. 925-443-0218

Mountain House - 15 miles to LLNL, Brand New, Single Room, small kitchen, full bath, separate entry and mail box, no laundry, possible ride sharing, 500/month+deposit 209-830-7130

RIPON - Apt. For Rent 1 BR furn tower (3 floors) Country atmosphere in town \$500.00 a month incl. util. and cbl NO SMOKING 209-599-2974

San Ramon - 4bed/2ba in a quiet court close to 680/580. Phone, TV cable, and wireless cable modem ready. \$540, +utilities, \$400 deposit. Monthly lease. 925-518-4939

Livermore - Room for rent.Condo has view, pool, walking track. \$650 a month includes all. Near Portola and freeway. 925-455-4524

TRUCKS & TRAILERS

2004 - 20 ft tilt bed trailer, 12000 lb load capacity, 10 ply tires, brakes on both axles. \$4000.00 707-882-1640

1998 - Dodge RamVan 3500 15passenger commuter. 116,000 miles-well maintained. Dual air, privacy glass, new tires. Excellent condition. \$6000 - 925-625-0534

1990 - Alpenlite DL 27ft 5th wheel, generator, 3 way refrig, freezer,AC furnace, water heater, micro, awning, much more \$11,000 925-447-7175

1996 - RANGER XLT, good running work truck. Bedliner, cassette, V6, extra cab, A/C, alarm. Good condition. 5,600.00 OBO 510-537-7222

1977 - Winnebago 24ft RV. Good mechanical condition, working refrig, A/C for coach. Sleeps5. Some leaks, generator need repair. 72K miles. \$2500 obo. 925-447-2729

1985 - Wheels, 15x10, white steel spoke, could be painted to look just like Rock Crawlers, GM 6 lug pattern, come with worn out tires. \$120 408-712-1730

1984 - Ford F250, 460, 4 speed, new brakes, tires, rims, bucket seats, tail gate, bed liner. Needs clutch. \$1000. 925-371-0502

1972 - Jeep CJ-5 lifted, engine solid, smog-exempt, needs body work. \$1950/OBO. 209-456-6947

VACATION RENTALS

Disneyland for Christmas, - 1 bedroom condo available 12/17-24/2005, \$725/week or 3 or 4 nights at \$115/night. Call for details. 925-449-6048

Long Barn - Very cute cabin located 15 minutes from Dodge Ridge ski resort. Large loft sleeps seven, one bedroom, one bath.\$75.00/night. 209-824-5727

Clearlake, Nice, CA - - 2 BR Condo, sleeps 6, available 8/5-12/05 for \$950, or for 3 or 4 nights @ \$135/night. Call for details. 925-449-6048

Soooo cute beach cottage in Santa Cruz. 2 bedr, 2 bath, 4 blks to beach. Weeknite special thru April \$ 75/nite. Plan ahead for summer fun. 925-245-1114

Tahoe Keys - House, 3 bdrm, 2.5 bath, fenced yard, great views of water and mountains, \$195 per night, call for details 925-376-2211

SOUTH LAKE TAHOE - 3 Bedroom 2 Bath Chalet, comfortably furnished, all amenities,close to all skiing,RESERVE NOW! HURRY FOR SKIING/WINTER FUN!! 209-599-4644

Maui, HI - Kahana Reef oceanfront 1BR/1BA condominium. Beautiful two-island view, oceanside pool, and BBQs. LLNL rates for year-round reservations. 925-449-0761

Pinecrest - (Off Sonora Pass Road), 3 bdrm/2 bath, frplc w/wood, microwave, dishwasher, pool table, large deck and view up No. Fork of Tuolumne, \$195/wknd. 925-449-5513

WANTED

WANTED: Complete Windsurfing rig, looking for larger intermediate fast board with sails. 925-443-2954

Computer desk wanted for local non profit. 925-830-1868

Womens bicycle, 24 or 26 inch, 3 speed 925-443-5549

Moved lately? We are looking for some moving boxes. 925-426-0721

NEWS OF NOTE



CARTER

Continued from page 1

the Laboratory, and the DOD, along with his extensive knowledge of the DOD S&T community, will provide a strong focus to strengthen our DOD portfolio and strategic relationships. Preston will coordinate internal Laboratory DOD activities as required and work to build enduring institutional relationships with the Office of the Secretary of Defense, the Services, and the Combatant Commands.”

Carter has recently returned to LLNL from a four-year assignment to the Defense Advanced Research Projects Agency (DARPA), where he was a program manager



Preston Carter

within the Tactical Technology Office. In this role, he managed and led complex innovative technology programs for the DOD. He joined the Laboratory in 1991, when he came to work on the Clementine lunar mission. He also supported a variety of high technology DOD-relevant programs within O and V-Divisions. Prior to joining the Lab, Carter had extensive experience in manned space flight, space systems, and airborne weapon systems. Carter has an MS in Aerospace Engineering from the University of Texas, Austin.

“We want to take this opportunity to thank Milt Finger for guiding LLNL’s DOD program office activities since the retirement of Roger Fisher and helping recruit a highly qualified permanent replacement to that position,” Anastasio said.

BLUE/GENE

Continued from page 1

vides an essential resource to the weapons complex, allowing us to address time-urgent and mission-critical scientific issues that require such specialized computational capabilities.”

Results of scientific importance have already been attained with only one-quarter of BlueGene/L. Scientists at LLNL for the first time have performed 16-million-atom molecular dynamics simulations with the highest accuracy inter-atomic potentials necessary to resolve the key physical effects to successfully model pressure induced rapid resolidification in Tantalum.

As a shared resource, BlueGene/L has enabled scientists studying the effects of voids in metal failure at Los Alamos National Laboratory to perform standard accuracy molecular dynamics simulations with more than 2.1 billion atoms.

“BlueGene/L’s latest accomplishment is an important step toward achieving the capabilities we need to succeed in our stockpile stewardship mission,” said Director Michael Anastasio. “BlueGene/L allows us to address computationally taxing stockpile science issues at very low cost. Effective and relatively inexpensive

supercomputers of this nature will open doors for scientists across the country.”

“This milestone demonstrates our continued commitment to revolutionize the way supercomputers are built and to broaden the kinds of innovative applications we can run on them,” said Nick Donofrio, senior vice president of technology and manufacturing at IBM. “BlueGene/L’s record-setting performance underscores the power of open standards and collaboration in driving true, meaningful innovation that benefits society.”

“BG/L has already shown tremendous potential to help us understand the physics of fluids, in particular of turbulence, allowing for increased understanding of certain instabilities,” said Bruce Goodwin, associate director for Defense and Nuclear Technologies. “Furthermore, early scaling calculations give us confidence that researchers within the next few months we will be running classical molecular dynamics calculations with well over 100 billion atoms.”

“The achievement of the latest LINPACK number is another important step in bringing the machine to its full configuration and putting its full capability to work for the stockpile stewardship research community,” said Dona Crawford, associate director for Computation. “This record setting performance is a tribute to the team effort required to take high perform-

ance computing and simulation to the next level.”

Delivery of BGL began in November of last year and will be completed in April. The system is scheduled to begin operating in its full configuration this summer. Because of its innovative design, the system requires less electrical power to operate as well as less floor space than previous supercomputing systems.

“BG/L represents another piece of our platform strategy falling into place. Some time ago, we decided that it was necessary to divide our technical efforts across three categories of computer to achieve optimal return for the dollar,” said Michel McCoy, ASC Program Leader. “This included systems like the fully vendor integrated Purple system for full-up weapons codes, advanced architectures like BG/L and capacity Linux clusters.”

This strategy is coming to full fruition with this procurement, McCoy noted. “It allowed us to reduce costs and bring in 112 teraflop for full-up weapons codes, 360 teraflops for BG/L and 18 teraflops for Linux clusters.

“This isn’t a bad return on the ASC investment, and I hope we can do even better in the future,” he said. “A good strategy does not always get you 5 to 1 leverage. But this time it did. A lot of credit goes to IBM and to the Livermore Computing architectural and integration teams, including Mark Seager.”

CRAWFORD

Continued from page 1

team of scientists and engineers at the Lab, at IBM and at DOE/NNSA (National Nuclear Security Administration) who made it possible,” Crawford said. “Such an accomplishment is an amazing feat in and of itself. It’s even more rewarding because of its significance and importance to the Laboratory and its missions.”

Last November Blue Gene/L took center stage in the technological world when the international and highly competitive supercomputing industry proclaimed the Laboratory’s Blue Gene/L as the world’s fastest computer on the Top500 list. At 70.72 teraops, or trillion operations per second, performed on the industry standard LINPACK benchmark, Blue Gene/L outpaced the previous top performer, Japan’s Earth Simulator, which had held the top spot for three years. Blue Gene/L was just one quarter of its eventual capability, yet was still much faster than the Earth Simulator. Since that time the second quarter of the machine has been installed and has achieved 135.3 teraops on LINPACK.

BlueGene/L will be used to ensure the safety and security of the nuclear stockpile and also set the stage for myriad scientific breakthroughs in chemistry, physics, engineering, medicine

and materials science.

Crawford is the fourth woman at the Lab to be inducted into the Women’s Hall of Fame. Previous winners include scientists Claire Max, Ellen Raber and Tammy Jernigan. This is the third consecutive year the Laboratory has an inductee into the Hall of Fame.

Crawford joined Lawrence Livermore in 2001. As associate director of Computation, Crawford is responsible for the development and deployment of integrated computing and information environments capable of terascale simulations. It is through Crawford’s technical skills and leadership that the Laboratory’s Computation Directorate has sustained its preeminence in high-performance computing capability/environments. The Laboratory’s Thunder ranks No. 5 on the Top500 list of supercomputers, and this summer the Lab will begin installation of ASC Purple, a 100 teraop machine.

“These machines are the backbone of science and technology,” Crawford said. “The simulations performed on these machines will aid scientific discovery in many fields for decades to come.”

Prior to joining LLNL, Crawford spent 25 years in computer science at Sandia National Laboratories in Livermore and New Mexico. She helped found the Virtual Laboratory Testbed (originally known as the National Information Infrastructure Testbed, or NIIT).

NIIT provided reliable and practical experience along with real data in support of then-President Clinton’s initiative for the National Information Infrastructure. In 1992, this was a precursor to commerce on the Internet.

Crawford holds a bachelor’s degree in mathematics from Redlands University, and two master’s degrees, one in operations research from Stanford University, the other in German from Middlebury College and Mainz, Germany, Campus. She has served on several advisory committees for the National Science Foundation, the National Research Council and the Council on Competitiveness, is on the Civilian Research and Development Foundation Board, and is a member of the Institute of Electrical and Electronics Engineers and the Association for Computing Machinery.

She also promotes math and science careers for young women in the Tri-Valley area through her participation in community outreach activities such as the Expanding Your Horizons conferences held three times each year, the Go Figure Math Competition and many high school achievement awards.

The Women’s Hall of Fame Awards are bestowed each year in nine categories. The Alameda County Board of Supervisors, the Alameda County Commission of the Status of Women and the Alameda County Health Care Foundation sponsor the awards.



SECURITY CORNER

Protecting Lab badge is your responsibility

What’s happening

Protecting a Laboratory badge and reporting its loss or theft immediately is a security responsibility required of all badge holders. Badges continue to be lost and stolen and individuals

sometimes postpone reporting or fail to report these losses to the Security Department, which compromises the security of the Laboratory. Although a lost or stolen badge is a security

incident, if you use reasonable and prudent measures to protect your badge (i.e., out of view in locked car), you will not get an infraction unless you do not report the missing badge.

What’s wrong

- Badges are an important part of the Laboratory’s access control system. Through the visible information printed on a badge and the electronic information contained in the stripe, our badges grant us access into areas where unauthorized individuals cannot go.

Leaving badges in a car, especially an

unlocked car, or wearing badges around town provides a tempting opportunity for those who would misuse them to gain unauthorized access to the Lab.

- Immediately reporting a lost or stolen badge is your responsibility to the Laboratory. In fact, failure to report the loss is a more serious problem than a lost/stolen badge is.

Immediate reporting allows the Security Department to address any security issues that may be created by the loss of the badge, particularly where the day-lock policy is concerned. Immediate reporting also allows security professionals to track patterns in the loss or theft of badges Lab wide, primarily to detect sudden increases or other notable trends.

How to fix it

1. If your badge is lost or stolen, report it immediately to the Protective Force Division (422-7222). Also, report it to the Locks, Keys and TESA Group (422-7347), if day-lock privileges are associated with the lost badge. Finally, notify your supervisor and the Badge Office (422-0717).
2. Do not display your badge offsite. Place it out of view as soon as you leave the Lab, such as in your glove compartment or purse. Do not

- wear your badge around town or use it as a means of identification offsite. Never lend your badge to anyone or allow it to be copied or photographed.
3. Leaving your badge in plain view in a vehicle is strongly discouraged. If you leave the badge in your car, keep it out of view. Lock the doors even if you are out of the vehicle for a short time.

Further information

- The Badge Usage Policy (see <http://www-r.llnl.gov/securityprogram/badges/policies.html>).
- The Locks and Keys Policy and Institutional Day-Lock Policy and Procedures (see http://www-r.llnl.gov/securityprogram/locks_and_keys/).
- Your Program Security Representative (see <http://www-r.llnl.gov/securityprogram/rep/>).

Officer for a day



BOB HIRSCHFELD/NEWSLINE

Austin Perkins, a 7-year-old cancer patient from Stockton, came to the Lab Monday as an honorary “security officer” for a day. The visit was arranged by Protective Force Officer Scott Clark, a neighbor and friend of Perkins, along with Captains Gary Abundis and John Smalls. During the boy’s visit, Protective Force officers fit Austin with a special uniform complete with badge and handcuffs. Perkins also received two special plaques. During his ride-along, Perkins participated in a mock arrest of training coordinator Dave Hiltabidel. “He was easy,” said Perkins of his “collar.” “I did a good job.”



Newsline
UC-LLNL
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